

01/29/02  
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RAW SEQUENCE LISTING

DATE: 01/29/2002

PATENT APPLICATION: US/09/755,088

TIME: 16:18:29

Input Set : N:\Crf3\RULE60\09755088.txt

Output Set: N:\CRF3\01292002\I755088.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: PAABO, Svante

7 KILGER, Christian

10 (ii) TITLE OF INVENTION: Method for uncoupled, direct, exponential

11 amplification and sequencing of DNA molecules with the

addition of a second

12 thermostable DNA polymerase and its application

14 (iii) NUMBER OF SEQUENCES: 5

17 (iv) CORRESPONDENCE ADDRESS:

18 (A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP

19 (B) STREET: 655 Fifteenth Street, N.W.; Suite 330

20 (C) CITY: Washington

21 (D) STATE: D.C.

22 (E) COUNTRY: U.S.A.

23 (F) ZIP: 20005-5701

25 (v) COMPUTER READABLE FORM:

26 (A) MEDIUM TYPE: Floppy disk

27 (B) COMPUTER: IBM PC compatible

28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

29 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

C--> 31 (vi) CURRENT APPLICATION DATA:

C--> 32 (A) APPLICATION NUMBER: US/09/755,088

C--> 33 (B) FILING DATE: 08-Jan-2001

44 (C) CLASSIFICATION:

C--> 41 (vii) PRIOR APPLICATION DATA:

37 (A) APPLICATION NUMBER: 08/991,184

38 (B) FILING DATE: 16-DEC-1997

42 (A) APPLICATION NUMBER: DE 196 53 494.1

43 (B) FILING DATE: 20-DEC-1996

46 (viii) ATTORNEY/AGENT INFORMATION:

47 (A) NAME: Wong, King L.

48 (B) REGISTRATION NUMBER: 37,500

C--> 49 (C) REFERENCE/DOCKET NUMBER: 1614-7090

51 (ix) TELECOMMUNICATION INFORMATION:

52 (A) TELEPHONE: (202) 638-5000

53 (B) TELEFAX: (202) 638-4810

55 (2) INFORMATION FOR SEQ ID NO: 1:

57 (i) SEQUENCE CHARACTERISTICS:

58 (A) LENGTH: 25 base pairs

59 (B) TYPE: nucleic acid

60 (C) STRANDEDNESS: single

61 (D) TOPOLOGY: linear

63 (ii) MOLECULE TYPE: other nucleic acid

ENTERED

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64      (A) DESCRIPTION: /desc = "oligonucleotide"
66      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
68 GGCTGGTCCT GCCGCTGCTT GTCAT
25
70 (2) INFORMATION FOR SEQ ID NO: 2:
72      (i) SEQUENCE CHARACTERISTICS:
73          (A) LENGTH: 27 base pairs
74          (B) TYPE: nucleic acid
75          (C) STRANDEDNESS: single
76          (D) TOPOLOGY: linear
78      (ii) MOLECULE TYPE: other nucleic acid
79          (A) DESCRIPTION: /desc = "oligonucleotide"
81      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
83 CTGCTCCCCA GTGGATCGGG TGTAAC
27
85 (2) INFORMATION FOR SEQ ID NO: 3:
87      (i) SEQUENCE CHARACTERISTICS:
88          (A) LENGTH: 27 base pairs
89          (B) TYPE: nucleic acid
90          (C) STRANDEDNESS: single
91          (D) TOPOLOGY: linear
93      (ii) MOLECULE TYPE: other nucleic acid
94          (A) DESCRIPTION: /desc = "oligonucleotide"
96      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
98 CACCTTTGGG GTGGTGACAA GTGTGAT
27
100 (2) INFORMATION FOR SEQ ID NO: 4:
102      (i) SEQUENCE CHARACTERISTICS:
103          (A) LENGTH: 24 base pairs
104          (B) TYPE: nucleic acid
105          (C) STRANDEDNESS: single
106          (D) TOPOLOGY: linear
108      (ii) MOLECULE TYPE: other nucleic acid
109          (A) DESCRIPTION: /desc = "oligonucleotide"
111      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
113 CGACGTTGTA AAACGACGGC CAGT
24
115 (2) INFORMATION FOR SEQ ID NO: 5:
117      (i) SEQUENCE CHARACTERISTICS:
118          (A) LENGTH: 17 base pairs
119          (B) TYPE: nucleic acid
120          (C) STRANDEDNESS: single
121          (D) TOPOLOGY: linear
123      (ii) MOLECULE TYPE: other nucleic acid
124          (A) DESCRIPTION: /desc = "oligonucleotide"
126      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
128 CAGGAAACAG CTATGAC
17

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## VERIFICATION SUMMARY

DATE: 01/29/2002

PATENT APPLICATION: US/09/755,088

TIME: 16:18:30

Input Set : N:\Crf3\RULE60\09755088.txt

Output Set: N:\CRF3\01292002\I755088.raw

L:31 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]  
L:31 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]  
L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:36 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:41 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:49 M:220 C: Keyword misspelled or invalid format, [(C) REFERENCE/DOCKET NUMBER:]